

(Krogh et al., 1995). A computer printout listing of HMM models of tumor suppressors appears as a Microfiche H to the present specification.

The resulting models were used to search through a database collection of C.elegans protein sequences. The domain structures of proteins having either a POZ or kelch domain were identified using existing collections of protein.

IN THE CLAIMS:

Please amend the claims to read as follows:

D4
Cenel

11. (amended) A computerized method for extracting information on interactions between biological entities from natural-language genomics text data, comprising:

- (i) parsing the genomics text data to determine the grammatical structure of the text data ;and
- (ii) regularizing the parsed text data to form structured word terms.

D5

19. (amended) A computerized method for extracting information on interactions between biological entities from natural-language genomics text data, comprising:

- (i) parsing the genomics text data to determine the grammatical structure of the text data wherein if said parsing of the test data is unsuccessful error recovery is performed; and
- (ii) regularizing the parsed text data to form structured word terms.

D6

21. (amended) A computerized method for extracting information on interactions between biological entities from natural-language genomics text data, comprising: